

ABSTRACT

The invention relates to a conveyor (100) that has a number of carts (102) moving along a track (101). A propulsion system for the conveyor comprises a stationary stator (411) which has a coil assembly. In addition the carts (102) have a reaction element (200) comprising a plurality of permanent magnets (203) mounted on a ferromagnetic carrier plate (201) thereby providing a magnetic field. A controller (607) controls the supply of electrical power to the coil assembly such that a magnetic field is generated which interacts with that of the permanent magnets to provide a driving force.